

# Memorandum



**Date:**

**To:** Gary Hartfield, Division Director  
Internal Services Department,  
Division of Small Business Development

**From:** Lester Sola, Director  
Miami-Dade Water and Sewer Department

**Subject:** Review Item: Design-Build Services for the Construction of South District Wastewater Treatment Plant and Central District Wastewater Treatment Plant Sludge Thickening and Dewatering Buildings - Project No. DB16-WASD-01

It is recommended that the Small Business Development Division of the Internal Services Department review the attached request for Small Business Enterprise (SBE) measures for Architectural and Engineering (A/E), Construction and Goods and Services (G/S) for the above subject project, in order to proceed with the advertisement and subsequent Design-Builder selection for this project.

The duration of the proposed Design-Build contract is 1,789 calendar days. The total maximum compensation for the Design-Build contract is **\$148,325,000**, which includes the following:

- \$121,914,000 estimated construction cost
- \$ 9,143,000 estimated engineering and architecture services
- \$ 6,096,000 construction contingency fee (5%)
- \$ 915,000 engineering contingency fee (10%)
- \$ 6,600,000 dedicated allowance
- \$ 3,657,000 permitting fees (3%)

Firms providing engineering services must be certified in the following technical categories and the respective percentages of the disciplines as indicated below:

TECHNICAL CATEGORY (TC)	DESCRIPTION	TOTAL PERCENTAGE TC (%)	SBE %
6.03 Lead A/E	Water and Sanitary Sewer Systems – Water and Sanitary Sewage Treatment Plants	25%	0%
11.00 Lead A/E	General Structural Engineering	12%	0%
16.00 Lead A/E	General Civil Engineering	10%	0%
17.00 Lead A/E	Engineering Construction Management	10%	0%
12.00 Other	General Mechanical Engineering	5%	3%
13.00 Other	General Electrical Engineering	25%	2%
9.02 Other	Soils, Foundations and Materials Testing-Geotechnical and Materials Engineering Services	3%	3%

9.03 Other	Soils, Foundations and Materials Testing- Concrete and Asphalt Testing Services	1%	1%
10.00 Other	Environmental Engineering	3%	3%
14.00 Other	Architecture	5%	5%
15.00 Other	Surveying and Mapping	1%	1%
	TOTAL	100%	18%

WASD is recommending an 18% SBE A/E, 7.88% SBE-Construction and 1% SBE (G/S) participation goal. Attached are WASD's Departmental Input Worksheets, the Minimum Experience and Qualifications requirements and the Scope of Services for your review and approval.

If you have any questions, please contact Patty Palomo, Chief, Intergovernmental Affairs Section at [Patty.Palomo@miamidade.gov](mailto:Patty.Palomo@miamidade.gov) or 786-552-8040.